L Number	Hits	Search Text	DB	Time stamp
1	1	(magnetic near sensor) with (measur\$3 near device) with (change near2 resistance)	USPAT; US-PGPUB;	2004/09/18 14:48
			EPO; JPO; DERWENT; IBM_TDB	
2	319	(measur\$3 near device) with (change near2 resistance)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/18 15:04
3	9	((measur\$3 near device) with (change near2 resistance)) and magnetoresistive	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/18 14:51
4	.1	((measur\$3 near device) with (change near2 resistance)) and (plural\$3 near ((electric near feed) (discharge near line\$1)))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/18 14:56
5	2	((measur\$3 near device) with (change near2 resistance)) and (plural\$3 near (electric (discharge near line\$1)))	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/18 14:56
6	88	(plural\$3 near ((electric near feed) (discharge near line\$1)))	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/18 14:57
7	3947	(measur\$3 near device) and (change near2 resistance)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/18 15:05
8	1	((measur\$3 near device) and (change near2 resistance)) and ((plural\$3 near ((electric near feed) (discharge near line\$1))))	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/18 15:05
9	165	(measur\$3 near device) near5 (change near2 resistance)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/09/18 15:05
-	2	("5654566").PN.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/09/12 13:30
_	5	 ("3696349" "4520300" "5432373" "5448515" "5565695").PN.	IBM_TDB USPAT	2004/09/12 13:33
-	1 6	"5432373".PN. ("4823177" "4949039" "5005096" "5134533" "5206590" "5251088").PN.	USPAT USPAT	2004/09/12 13:53 2004/09/12 13:37
-	1	257/295,421-427.ccls.	USPAT	2004/09/12 13:53
- -	1484	(257/295,421-427.ccls. and magnetoresist\$3) and (((semi near magnetic)	USPAT	2004/09/12 16:12
- - -		(257/295,421-427.ccls. and magnetoresist\$3) and (((semi near magnetic) semi\$1 magnetic) with non\$1 magnetic) (257/295,421-427.ccls. and magnetoresist\$3) and ((semi near magnetic)	USPAT USPAT	
- -	0	(257/295,421-427.ccls. and magnetoresist\$3) and (((semi near magnetic) semi\$1magnetic) with non\$1magnetic) (257/295,421-427.ccls. and magnetoresist\$3) and ((semi near magnetic) semi\$1magnetic)		2004/09/12 13:56
- - -	4	(257/295,421-427.ccls. and magnetoresist\$3) and (((semi near magnetic) semi\$1 magnetic) with non\$1 magnetic) (257/295,421-427.ccls. and magnetoresist\$3) and ((semi near magnetic)	USPAT	2004/09/12 16:12 2004/09/12 13:56 2004/09/12 13:58 2004/09/12 13:59 2004/09/12 14:43

Search History 9/18/04 3:43:29 PM Page 1

		<u> </u>		
-	6	("5652445" "5654566" "5817221" "5871625" "5928804" "5981095").PN.	USPAT	2004/09/12 14:27
-	266883	257/\$.ccls. 438/\$.ccls. 365/\$.ccls. 360/\$.ccls. 324/\$.ccls.	USPAT	2004/09/12 14:43
-	4573	(257/\$.ccls. 438/\$.ccls. 365/\$.ccls. 360/\$.ccls. 324/\$.ccls.) and magnetoresist\$3	USPAT	2004/09/12 15:14
-	13	((257/\$.ccls. 438/\$.ccls. 365/\$.ccls. 360/\$.ccls. 324/\$.ccls.) and	USPAT	2004/09/12 14:46
	0	magnetoresist\$3) and (spin near polariz\$5 near carrier\$1) ((257/\$.ccls. 438/\$.ccls. 365/\$.ccls. 360/\$.ccls. 324/\$.ccls.) and	USPAT	2004/09/12 14:48
-	0	magnetoresist\$3) and (contact near2 ((semi near magnetic)	USFAI	2004/03/12 14.46
-	0	semi\$1magnetic)) ((257/\$.ccls. 438/\$.ccls. 365/\$.ccls. 360/\$.ccls. 324/\$.ccls.) and	USPAT	2004/09/12 14:48
		magnetoresist\$3) and (contact with ((semi near magnetic) semi\$1magnetic))		
-	5	((257/\$.ccls. 438/\$.ccls. 365/\$.ccls. 360/\$.ccls. 324/\$.ccls.) and magnetoresist\$3) and ((semi near magnetic) semi\$1magnetic)	USPAT	2004/09/12 14:50
-	2135	((257/\$.ccls. 438/\$.ccls. 365/\$.ccls. 360/\$.ccls. 324/\$.ccls.) and	USPAT	2004/09/12 16:12
	148	magnetoresist\$3) and ((non near magnetic) non\$1magnetic) (((257/\$.ccls. 438/\$.ccls. 365/\$.ccls. 360/\$.ccls. 324/\$.ccls.) and	USPAT	2004/09/12 14:51
	140	magnetoresist\$3) and ((non near magnetic) non\$1 magnetic)) and	001111	200 (10)/12 1 (10)
		(tunnel\$3 near barrier)	I IOD A T	2004/00/12 15:14
-	6141	magnetoresist\$3	USPAT	2004/09/12 15:14 2004/09/12 15:15
-	103	magnetoresist\$3 and (((lower first) near contact) with ((upper second) near contact))	USPAT	
-	10	(magnetoresist\$3 and (((lower first) near contact) with ((upper second) near contact))) and (tunnel\$3 with (nonmagnetic non\$1magnetic (non near magnetic)))	USPAT	2004/09/12 15:36
-	7	("5438470" "5668688" "5731937" "6504690" "6542340" "6587315" "6587318").PN.	USPAT	2004/09/12 15:19
-	147	(nonmagnetic non\$1magnetic (non near magnetic)) near5 between near5 contact\$1	USPAT	2004/09/12 15:37
-	28	((nonmagnetic non\$1magnetic (non near magnetic)) near5 between near5 contact\$1) and magnetoresist\$3	USPAT	2004/09/12 15:37
	78	((semi near magnetic) semi\$1 magnetic)	USPAT	2004/09/12 16:21
_	9	("5565695" "5652445" "5654566" "5962905" "6297987" "6355953" "6482729" "6501143" "6522573").PN.	USPAT	2004/09/12 16:13
1_	0	ZnBeMnFe	USPAT	2004/09/12 16:23
	43	II-IV near semiconductor	USPAT	2004/09/12 16:23
1_	46	(II-IV near semiconductor) BeMnZnSe	USPAT	2004/09/12 16:34
-	9	("5565695" "5652445" "5654566" "5962905" "6297987" "6355953" "6482729" "6501143" "6522573").PN.	USPAT	2004/09/12 16:32
_	0	(II-IV near semiconductor) with BeMnZnSe with magnetic	USPAT	2004/09/12 16:34
_	o	(II-IV near semiconductor) with BeMnZnSe	USPAT	2004/09/12 16:34
_	2	magnetic with BeMnZnSe	USPAT	2004/09/12 16:34
_	0	(semimagnetic semi\$1magnetic (semi near magnetic)) near2 contact\$1	USPAT	2004/09/13 14:26
-	2	((semimagnetic semi\$1magnetic (semi near magnetic)) near material\$1) with contact\$1	USPAT	2004/09/13 14:31
_	3	((semimagnetic semi\$1magnetic (semi near magnetic)) near material\$1)	USPAT	2004/09/13 14:32
_	43	II-IV near semiconductor) (Be near Mn near Zn near Se	USPAT	2004/09/13 14:35
_	43	II-IV near semiconductor) (Be near Mn near Zn near Se	USPAT	2004/09/13 15:22
-	0	Be near Mn near Zn near Se	USPAT	2004/09/13 15:22
-	3	BeMnZnSe BeMnSeZn BeZnMnSe BeZnSeMn MnBeZnSe MnBeSeZn	USPAT	2004/09/13 16:54
-	14	("3818328" "5206590" "5432373" "5541868" "5629549" "5654566" "5721654" "5793697" "5872368" "5929636"	USPAT	2004/09/13 15:28
		"6031273" "6064083" "6114719" "6297987").PN.	LICDAT	2004/09/13 15:43
-	3	("5629549" "5652445" "5962905").PN.	USPAT	i e
	9	("5565695" "5652445" "5654566" "5962905" "6297987" "6355953" "6482729" "6501143" "6522573").PN.	USPAT	2004/09/13 15:53
-	192	(tunnel\$3 adj barrier) with contact\$1	USPAT	2004/09/13 16:55
-	117		USPAT	2004/09/13 17:14
-	0	((tunnel\$3 adj barrier) with contact\$1) and (non\$1magnetic with semi\$1magnetic)	USPAT	2004/09/13 17:13
-	0	((tunnel\$3 adj barrier) with contact\$1) and (non\$1magnetic same semi\$1magnetic)	USPAT	2004/09/13 17:13
	1	· · · · · · · · · · · · · · · · · · ·	•	

		(() 100 1:1 ') ':1 + (01) 1 01	LICDAT	2004/00/12 17 12
-	0	((tunnel\$3 adj barrier) with contact\$1) and non\$1 magnetic and	USPAT	2004/09/13 17:13
		semi\$1magnetic	TIOD AT	2004/00/12 17 14
-	111	((tunnel\$3 adj barrier) with contact\$1) and \$5magnetic	USPAT	2004/09/13 17:14
-	5869	magnetoresistive	USPAT	2004/09/17 18:36
-	0	magnetoresistive and (contact near2 (semi-magnetic semi\$1magnetic	USPAT	2004/09/17 18:36
	_	(semi near magnetic)))		***********
-	0	magnetoresistive and (contact with (semi-magnetic semi\$1 magnetic	USPAT	2004/09/17 18:36
	_	(semi near magnetic)))		
-	0	magnetoresistive and (contact with (semi-magnetic semi\$1 magnetic	USPAT;	2004/09/17 18:37
		(semi near magnetic)))	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
:		·	IBM_TDB	
-	15320	magnetoresistive	USPAT;	2004/09/18 14:49
			US-PGPUB;	
			ЕРО; ЛРО;	
	•		DERWENT;	
			IBM_TDB	
-	3	magnetoresistive and (contact with (semi-magnetic semi\$1 magnetic	USPAT;	2004/09/17 18:38
		(semi near magnetic)))	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
			IBM_TDB	
-	11	magnetoresistive and (semi-magnetic semi\$1magnetic (semi near	USPAT;	2004/09/17 19:14
		magnetic))	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
-	9	("5565695" "5652445" "5654566" "5962905" "6297987"	USPAT	2004/09/17 18:40
		"6355953" "6482729" "6501143" "6522573").PN.		
-	3	("5629549" "5652445" "5962905").PN.	USPAT	2004/09/17 18:41
-	2	("5757066").PN.	USPAT;	2004/09/17 18:47
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM_TDB	
_	0	200059051.URPN.	USPĀT	2004/09/17 19:14
_	169	(semi-magnetic semi\$1magnetic (semi near magnetic))	USPAT;	2004/09/17 19:14
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT;	
			IBM TDB	
_	87	((semi-magnetic semi\$1magnetic (semi near magnetic))) and (contact	USPAT;	2004/09/17 19:15
]	electrode terminal)	US-PGPUB;	
		,,	EPO; JPO;	
			DERWENT;	
	1		IBM TDB	
	1	•		i .